PRIRH 1919/20



1920-1921 CATALOG NUMBER

# PARK COLLEGE BULLETIN

PARKVILLE, MISSOURI
APRIL 1920

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## BULLETIN

OF

# PARK COLLEGE

Founded 1875

# PARKVILLE, MISSOURI

## CATALOG NUMBER

PUBLISHED QUARTERLY AT PARKVILLE, MO., BY PARK COLLEGE. FREDERICK WILLIAM HAWLEY, D. D., L. L. D., PRESIDENT

Entered as second class matter June 12, 1912, at the postoffice at Parkville, Mo., under the Act of July 16, 1894.



# **CALENDAR**

#### 1920-1921

THE PARTY OF THE P	1920
Matriculation	September 7 and 8
Reception to New Students	September 11
First Semester Opens	September 9
Thanksgiving Recess	November 25
Holiday Vacation Begins	Noon, December 16
Holiday Vacation Ends	Noon, December 30
	1921
Examinations	
Matriculation Second Semester	February 1, 2
Second Semester Opens	February 3
Senior Contest Productions Due	April 5
Announcement of Senior Honors	April 26
Field Day	May 3
Senior Examinations	May 19, 20, 21
Examinations	May 25, 26, 27, 28
Lawrence Oratorical Contest	May 27
Senior Class Play	May 28
Baccalaureate Sermon	May 29
Concert-Musical Organizations	May 30
Dramatic Entertainment	May 31
Academy Commencement	June 1
Annual Meeting of Board	June 1
Annual Meeting of Alumni Association	June 1
Freshman-Sophomore Reading Contest	June 1
Commencement 9 a. m.	Tune 2

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1919-20

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#### HISTORICAL STATEMENT.

Park College, established in 1875 and chartered in 1879, is the outgrowth of a desire in the mind of George S. Park in the early thirties, to provide opportunities for Christian Education and practical training in all lines of Christian and civic activity to the youth of the country who were inured to labor, and were willing by their own toil to contribute to the obtaining of an education that would be otherwise impossible.

The Charter which was written by Col. Park is a most interesting document, one paragraph of which reads as follows:

"It is the earnest desire of the friends of this institution that it be established and built up by wisdom, and stand forever and go on improving like the older institutions of Europe and America. To accomplish this purpose it is suggested that the Board of Trustees look most critically into the way things are going and make wise provisions for future contingencies; if any trustee neglects such care and caution request him to resign and appoint another. It is a positive wrong to be indulgent to incapacity or inefficiency, to idleness, wastefulness or any other unfitness. Let the eyes of these guardians pierce every nook and corner and thereby insure wise and skillful management of the institution. Let them provide the best instructors and make the best provisions for the institution their funds will permit, going no further. Let them stop all leaks, stir up the indolent, get honest work done, and make purchases as far as practicable when prices are lowest, for "There is a time to get." In summer prepare and lay up for winter. Let them secure every trust, promptly discharge every trustee, officer, agent, or employee, and have the business, work and instruction done by as few men and at as small cost as possible consistent with the true interests of the institution, without favor or partiality, remembering that the Lord's work must be done better than our own.

The Rev. John A. McAfee in consequence of his unwearied labors and ability as an instructor of youth is hereby declared the permanent president of the college. He, and his successors in office, shall make a report annually or oftener if required, to the board of Trustees of the condition and progress of the college."

Dr. McAfee continued in office until his death in 1890.

From 1855 to 1920 the College has grown and its influence widened until 1,118 young men and women have graduated from its halls with the degree of A. B., while thousands more have received the benefit of a partial course. Its alumni are scattered over the world and are giving proof of their training as Christian workers—the most eloquent testimony which can be given to those who have labored through the years as administrators, faculty and friends.

Park College could not have lived and fulfilled its mission through all these years without its host of devoted friends, and none have done more to foster the work and hold it true to its ideals than George A. Lawrence, Esq., and his wife, Mrs. Ella Park Lawrence, daughter of Mr. and Mrs. George S. Park.

#### GENERAL STATEMENT.

Park College offers a thorough course in the liberal arts. It does not attempt university work or technical and vocational training, except in the Department of Education. The College holds membership in the Presbyterian College Union, the Missouri College Union, the State Oratorical Association and the College Department of the North Central Association of Colleges and Secondary Schools.

Park College is situated at Parkville, Missouri, nine miles west of Kansas City. The campus lies upon the hills overlooking the Missouri River. It occupies a site of great natural beauty. Upon these eighty acres stand the college dormitories, lecture halls, the chapel and various shops. Adjacent to the campus is the college farm of 1,500 acres, of which 300 are under cultivation. The industries operated by the Self-Help Department are largely manned with student labor and include dairy, orchard, general farm and kitchen gardens, printing office, carpenter shop, steam and electric plant and water works system.

#### BUILDINGS

Most of the buildings are of stone or brick and many of them are monuments to student labor.

McCormick Chapel—This chapel of stone and brick is the gift of Mrs. Nettie F. McCormick. It was erected in 1887 on the site of the old Presbyterian church. The auditorium of 900 sittings is the largest on the campus and serves for general gatherings and the daily chapel exercises. The village church (Presbyterian) also meets here.

Mackay Hall—This building was begun in 1887 and occupied March 13, 1893. It is of stone and has three stories and basement. The lecture halls are large and well lighted. Laboratories occupy the entire basement and parts of two other floors.

Charles Smith Scott Astronomical Observatory—This white limestone building was erected and equipped in 1898 by the late Anthony Dey of New York. From the crown of the hill it overlooks the entire campus.

Carnegie Library—Was completed and occupied in the summer of 1909. The material is white limestone with red tile roof. Floors and ceilings are of reinforced concrete. At present the library contains over 27,000 volumes in metal stacks. There are over 1,200 volumes of bound magazines. On file in the reading room will be found 135 copies of the leading monthly magazines, over twenty weeklies and a number of dailies, including the leading religious newspapers, missionary literature and Sunday School helps. A filing cabinet with a capacity of 48,000 cards is the gift of Mrs. George A. Lawrence.

Twelve

Alumni Hall—Erected through the generosity of the Alumni Association and is built of stone. It contains an auditorium of 300 sittings, offices, a banqueting hall, guest rooms and parlors for the convenience of the alumni when visiting their Alma Mater.

Labor Hall—Erected in 1906. This is the headquarters of the Self-Help Department. It contins a swimming pool 20x60 feet, floored in winter for a gymnasium, shower baths and ample supply of lockers, tool rooms and a literary society hall.

Pumping Station—A well equipped pumping station, with settling basins and filters, erected in 1897, is located near the river. It furnishes the water supply for both College and town.

Heating and Lighting Plant—This plant was completed in 1919. It provides steam heat for most of the college buildings, power for the pumps and shops, and light for the campus and the town. The building contains steam boilers and two electric generator units. The town service of water and light is a source of revenue. This building was erected by Mrs. Geo. A. Lawrence in memory of her father and mother, Col. and Mrs. Geo. S. Park, on the site formerly occupied by the "The Luminary," one of the earliest publications in Missouri, of which Mr. Park was owner and editor.

Waverly Hospital—The late Anthony Dey of New York gave funds for this building in 1912. It contains separate wards for men and women, private rooms and isolation wards for contagious diseases. Students pay seventy-five cents per day for hospital service.

Dormitories—Eight large buildings provide homes for students. Two are occupied by men and six by women. In each of four dormitories is a large dining room where the young men join the young women at meals. The most recent building is Copley-Thaw Hall accommodating 114 college men, the gift of Mrs. Mary C. Thaw of Pittsburg, in memory of her father, Josiah Copley, and her husband, William Thaw.

The Museum—The collection in natural history, geology, and ethnology occupies a part of Mackay Hall. The United States Geographical Survey has furnished an educational series of rocks, minerals, and fossils. Mrs. George A. Lawrence has contributed valuable specimens of minerals, corals, and echinoderms from the Pacific Coast, in memory of her son, Park. From Park graduates on the mission fields, much valuable material has been received. Those in Africa, China, Chile, Japan, India, Laos, Siam, and Korea have placed in the museum many of the objects of interest of their respective countries such as coins, articles of wearing apparel, models of buildings, implements of agriculture, and devices for the preparation of their food, constituting an ethnological collection of extraordinary value. The collection made by the late Mary E. Holmes, Ph. D., is in five departments—botanical, geological, conchological, ornithological and entomological.

Laboratories—The Departments of Biology, Physics, Chemistry, Psychology and Household Economics are provided with laboratories, thoroughly equipped with electricity, gas, water, and apparatus.

#### CHURCH.

The Parkville Presbyterian church holds its Sunday services in McCormick Chapel. Student attendance is required at Sabbath School and at two church services.

#### DAILY CHAPEL.

Chapel assembly is held each school day in McCormick Chapel at one o'clock and is a required service. Singing is a prominent feature. While the exercises are regularly devotional, the chapel hour is often employed to bring before the student body the best speakers that can be procured on missions, sociology, evangelism and kindred topics. Owing to our proximity to Kansas City and the reputation of the College, the students have the privilege of hearing as large a number of distinguished men as is possible at but few other institutions.

#### STUDENT ORGANIZATIONS

Religious—The Young Men's Christian Association and Young Women's Christian Association are active in Bible study and in training for Christian leadership. A majority of students belong to these organizations. Both organizations annually take an important part in the Hollister Conference.

The Student Volunteer Band is a member of the Student Volunteer Association of Western Missouri and the Kansas City Volunteer Union.

Literary Societies—Six literary societies—the Lowell, Parchevard and Orion for men; the Lucerne, Calliopean and Aurora for women—meet in the three society halls, the men on Saturday, the young women on Monday evenings. The programs are intended to be of cultural value. Ease is acquired in public speaking and fluency in debate, as well as a knowledge of parliamentary usage. Twice during the year joint sessions are held to which invitations are issued. The members of the societies present one dramatic and one musical entertainment during the second semester.

Fourteen

## ORATORY AND DEBATE

The Oratorical Association was organized in 1888 as a part of the Intercollegiate Association of the State. Local contests are held each fall, at which an orator is chosen to represent the College at intercollegiate contests. Park's orator took first place in 1897 in the intercollegiate, and then, as representative of Missouri, won the interstate. First place in the state was won again in 1903, 1904, 1906, 1908, 1909, 1912, 1914, 1915, 1917, 1918 and 1920.

The Intercollegiate Debating Association was organized in 1897. Thirty-five debates have been held with nine other colleges. Park has won twenty-five of them.

The Intercollegiate Prohibition Oratorical Association was reorganized in 1911. Park's representative won first place in 1912, 1913, 1914, 1915, 1917, 1918, and 1919, and in the latter year won first place in the District Contest, covering seven states.

#### MUSICAL OPPORTUNITIES

There are four distinctively college musical organizations. The Choir, under the direction of Professor Magers, is composed of fifty voices, distributed proportionately among the parts. Two regular practices are held each week, with special rehearsals as demanded. Membership is limited to college students. Both sacred and secular music constitutes its repertoire. Two or more anthems are sung each Sabbath during the services of the Parkville Presbyterian church, with which the College is closely associated.

The Glee Club is the oldest of the college musical organizations and has always been a prominent factor in college life. Professor Roy V. Magers directs the club, which is composed of twenty college men, and holds two weekly practices. Any college man who is doing satisfactory class room work is eligible to membership. The annual trial for vacancies in the club is held the last of September and when a man once becomes a member of the club he may retain his membership for the remainder of his college course, provided that his school work is satisfactory to the proper authorities.

The Park-Lawrence Band is composed of fifteen or more pieces. Members are chosen from both college and academy classes. Frequent practices are held. It is ready for all occasions, especially where band music alone can fill the demand.

The Orchestra is composed of several instruments. Its membership is composed of both college and academy students and it is under the leadership of Professor Rader. It appears on many programs throughout the year and leads the music of the Sabbath School.

Students have the opportunity to study music under the direction of the following private teachers: Orwell Claude Rader, Director of the Band and Orchestra, Violin; Grace Marie Keefer, Director of Girls' Glee Club, Voice; Alvin Jonathan King; Piano—Lessons will be furnished by these teachers at the following rates:

Voice, ten	lessons	8.00
		10.00
Violin, twe	nty lessons	20.00

#### **PUBLICATIONS**

The Stylus is published weekly under the editorship of the Department of English. It is the organ of the student body.

The Park College Record has a weekly circulation of more than 30,000, and presents the items of greatest interest to the Park College friends scattered the world over.

The Alumniad, issued monthly, is devoted to news of special interest to the alumni and is published by the Alumni Association.

The Narva, devoted to matters of general college interest, is an annual publication of the Junior class.

#### REGULATIONS

- 1. The general requirements and restrictions of the Faculty apply to all students of the institution.
- 2. Tobacco, gambling, and profane language are forbidden. This requirement is in force as long as the student retains connection with the institution; absence from Parkville does not release him from it.
- 3. Students are expected to attend Sabbath School and both church services each Sabbath.
  - 4. Sunday travel is prohibited for all students on the campus.
- 5. Students may find boarding places in the village in homes approved by the Faculty and will conform to the general social regulations of the College.

#### DEGREE OF BACHELOR OF ARTS

The degree of Bachelor of Arts is conferred upon students who have fulfilled the requirements for graduation. No student is eligible for the degree who has not been in residence at Park College one year.

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#### THE STUDENT SELF-HELP DEPARTMENT

This department is an essential part of the original plan of Park College. Only members of the College Family are given room and board on the campus, and each assists in the family work. This student labor reduces the cost of maintenance, while it adds an invaluable element of practicability. The hands are trained as well as the head, labor is given its dignity, and the college student develops his intellectual powers without losing his sympathetic touch with the world of toil. The work also gives wholesome physical exercise and cultivates practical efficiency and responsibility.

Students without means for the usual cost of a college education, who are earnestly seeking a training for Christian leadership in any walk of life, and who are willing to work for it, are welcomed into Park College Family.

The labor of the student does not pay his way nor is it of equal value. Each one makes such contribution as he can to the common good, each learns the practical workings of farm, shop, or household while performing the allotted task, and the College gives to all alike the best she has to bestow.

The life of the College Family is the most normal existence possible for a large group of young people. It is modeled upon the home rather than upon the monastery.

Each student is expected to pay \$150.00 the first year and work three hours daily in manual labor. This covers tuition, room and board. It often happens that the farm and orchard work demands a cessation of classroom recitations for one or two weeks in the spring or fall of the year. In such case all students will render all-day services without extra compensation, as their contribution to the welfare of the College Family. Emergency calls are also to be considered in the same way by all members of the College Family.

After the first year, if satisfactory work is done in the classroom and in the Family, and the student needs the help, a scholarship is awarded, reducing the cash payment to \$90.00. The manual labor obligation remains the same throughout the entire course.

Half of the payments, including fees, must be arranged for at the opening of school in September, the balance at the opening of the second semester. Payments made will not be refunded except in case of sickness, or unusual emergency. Where impossible for the student to make cash payments in full he should arrange to pay as much in cash as possible, and provision can be made for working out the balance by remaining part or all of the summer. In this way an opportunity is offered for worthy students, who do not have the cash to pay the expenses of an education, to work their way

through college. Park points with pride to the hundreds of graduates who have done this, and the splendid company of students now finding here the open door to a college education.

Usually a student must select a schedule of studies which will give him his classroom work either in the forenoon or afternoon,

leaving the other half day for his manual labor.

If, however, a mixed schedule is required, arrangements may be made to pay \$50 additional and work 14 hours instead of 21 hours

per week.

In common with certain other colleges of the Missouri College Union, Park offers a free scholarship for the Freshman year to the higest honor graduate of any accredited high school in Missouri. First honor graduates of high schools in other states may also obtain such scholarships under certain conditions.

The following fees must be paid by all students at the	beginning
of the school year:	
Library Fee	\$2.00
Room Deposit (Family Students only)	2.00
(Both of these fees are returned if there is no charge	for dam-
age, loss or fines during the year.)	
Student Enterprise Ticket	2.50
Laboratory Fees (Each semester)	1.00—\$2.00

#### STUDENTS LIVING IN TOWN

College students living outside the Family can secure room and board for \$8.00 to \$10.00 per week. All students outside the Family pay tuition (\$30.00 per semester), Library Fee, Laboratory Fees, and purchase Student Enterprise Ticket the same as Family students.

# REQUIREMENTS FOR ADMISSION TO COLLEGE

All candidates for admission to College must furnish satisfactory evidence of good character, and if previously enrolled in another college, must present a certificate of honorable dismissal, with a statement of the grades they desire accepted.

Fifteen units of work above the eighth grade are required. Graduates of Park College Academy and of approved high schools are admitted to the Freshman class without examination.

Fifteen units are required as follows:

English3	units
History1	unit
*Cairman	unit
Mathematics 2½	
†Foreign Language 2	unite
Optional 51/2	units
	units

\*Physics, Chemistry or Biology. †Latin, Greek, French, German or Spanish.

The optional units are to be taken from the following:

Bible, not more than one unit.

Education, not more than one unit.

English, not more than one unit.

French, not more than two units.

German, not more than two units.

Greek, not more than two units.

History, not more than three units. Latin, not more than two units.

Manual Training, not more than one unit.

Mathematics, not more than one and one-half units.

Psychology, not more than one-half unit.

Science, not more than four units.

Other foreign languages to the extent of two units, may be accepted by the registration committee.

The optional units in science may be taken from the following: Agriculture, Domestic Science, Physics, Chemistry, Biology, Physiography, Drawing.

All enrollment is tentative. Full standing will not be given until at least fourteen units have been satisfied and the student has shown, by doing satisfactory work, that he is able to pursue college subjects with success.

## REOUIREMENTS FOR ADMISSION BY DEPARTMENTS.

#### FOREIGN LANGUAGE

Latin. (If offered). Four units will be accepted.

Collar and Daniels' Beginner's Latin, or equivalent.

2. Four books Caesar's Gallic Wars.

 Six of Cicero's Orations, including four against Catiline.
 Four books of Virgil. Sallust's Conspiracy of Catiline will be accepted for part of the above.

Greek. (If offered.) Two units will be accepted.

- 1. Goodwin's Greek Grammar and White's Greek Lessons, or their equivalent.
- 2. Four books Xenophon's Anabasis, with special reference to forms and syntax. Three books of Homer's Iliad, with special reference to Homeric forms and Greek Mythology.
- 3. Translations into Attic Greek of easy prose based on the Anabasis.

German. (If offered). Four units will be accepted.

- 1. A knowledge of the principles of the grammar and simple idioms. Correct pronunciation. The ability to read and comprehend simple German.
- 2. Three of the short stories by Storm, Hillern, or Heyse, together with composition on the text. A short comedy. Suggested reading: Storm's Immensee or St. Jurgen; Hillern, Hoeher als die Kirche; Benedix, Der Prozess; Rosseger, Der Lex von Gutenhag.

French. Four units will be accepted. Two units outlined.

1. During the first year the work should comprise: Careful

drill in pronunciation, the rudiments of grammar, drill in idiom and conversation, the reading from one hundred to two hundred pages of graduated text.

2. The reading from two hundred to four hundred pages of modern prose in form of stories, plays. Conversation and writing of French. Review of Grammar.

Twenty

Spanish. Four units will be accepted. Two units outlined.

- 1. Correct pronunciation; rudiments of grammar. Speaking and writing Spanish. One hundred and fifty pages of easy prose.
- 2. The reading of from three hundred to four hundred pages of modern prose, review of syntax, speaking and writing Spanish.

History. One unit is required.

1. Myers' Ancient History, or its equivalent.

Science. One unit is required.

A year's laboratory work in Biology, Chemistry, or Physics. Mathematics. Two and one-half units are required.

- 1. Algebra: One and one-half units, including problems dependent upon quadratic equations, and arithmetical and geometrical progression.
- 2. Geometry: One unit is required. English. Three units are required.
- 1. Composition: One year's work is required in the study of some text of Composition and Rhetoric. Examination will include a short essay. Punctuation, paragraphing, and spelling will be critically examined.
- 2. Literature: A knowledge of salient facts of the history of English and American literature, and a working familiarity with some of the more important English classics.

Bible. (If offered). One unit will be accepted.

## REQUIREMENTS FOR GRADUATION

Students must complete before graduation a total of 120 semester These hours must be selected from the following groups as specified below:

Group I. Language, Literature, and Art. Greek Language and Literature. Latin Language and Literature. German Language and Literature. English Language and Literature. French Language and Literature. Spanish. Public Speaking. History of Art. Biblical Literature. Music.

Group II. Mathematics and Natural Sciences.

Astronomy. Mathematics. Physics. Chemistry. Geology. Biology. Physiology. Home Economics.

Group III. Mental and Social Sciences. History and Politics. Economics and Sociology. Psychology and Education.

Philosophy.

Group I. Thirty hours must be selected, including six hours of English, nine hours of Bible, and twelve hours of foreign languages.

Group II. Eighteen hours must be selected, including more than one subject; not less than six hours in some natural science and three hours of mathematics.

Group III. Fifteen hours must be selected, including six hours in history.

Twenty-two

A Freshman is required to pursue through the year two subjects offered by him for entrance. A Sophomore must continue one subject pursued by him through the Freshman year until twelve hours in that subject are completed. If he chooses this subject as his major, he must, during his course, complete twelve hours in some other subject. Sophomores must also elect six hours in Group III.

## MAJOR AND MINOR SUBJECTS

All students are required to make their selection in accordance with the following regulations:

- 1. Each candidate for a degree is required to complete a major subject consisting of not less than twenty semester hours of work in a single subject or department. At least three semester hours of the most advanced work offered by the department must be included. In departments offering less than twenty semester hours, the remainder of the work must be taken from some closely related department.
- 2. The major must be selected with the advice and approval of the Dean and also of the professor whose subject is chosen. Students may consult the Dean at any time about the selection of a major, but formal registration of the major must fall within the second semester of the Sophomore year. Upon good and sufficient grounds, approved by the Dean and the heads of departments concerned, a student may change his major after the beginning of the Junior year.
- 3. Each major carries with it a minor, including not less than nine hours. More than nine hours may be prescribed.

## COURSES OFFERED IN THE COLLEGE

#### FRESHMAN

#### First Semester

#### Second Semester

Bible I
Biology I
Chemistry I
English I
French I
German I
Greek I
History I
Latin I
Mathematics I
Physics I
Psychology I
Public Speaking I
Spanish I

Bible I Biology II Chemistry II English I English II French II German II Greek II History II Latin II Mathematics I Mathematics II Physics II Psychology I Public Speaking I Spanish II

#### SOPHOMORE

#### First Semester

#### Second Semester

Bible II
Biology III
Chemistry III
Education I
English XIII
French III
German V
Greek III
History III
Home Economics I
Latin III
Mathematics III
Physics III
Psychology II
Public Speaking II
Public Speaking V
Spanish III

Bible III
Biology IV
Chemistry IV
Education I
English III
English VI
French IV
German VI
Greek IV
History IV
Home Economics II
Latin IV
Mathematics IV
Physics IV
Psychology III
Spanish IV

Twenty-four

#### **JUNIOR**

#### First Semester

# Astronomy I Bible IV Bible VI Biology V Chemistry V Education II Education IV English XII French V German VII Greek V History VI Home Economics III Latin V Mathematics V Philosophy IV Physics V Public Speaking III Social Science I Spanish V

## Second Semester

Astronomy II
Bible V
Biology VI
Chemistry VI
Education III
Education V
English IV
English IX
French VI
German VIII
Greek VI
History VII
Home Economics IV
Latin VI
Mathematics VI
Philosophy V
Physics VI
Public Speaking IV
Social Science II
Spanish VI

#### SENIOR

#### First Semester

Biology VII
Chemistry VII
Education VI
English VIII
English VIII
English VIII
Geology IX
German IX
German IX
German XI
Greek VII
History V
Home Economics V
Home Economics VII
Latin VII
Mathematics VII
Philosophy VI
Physics VII
Physics VII
Physics IX
Psychology VIII

Bible VII

#### Second Semester

Bible VIII Biology VIII Chemistry VIII Education VII English V French VIII Geology X German X German XII Greek VIII Home Economics VI Latin VIII Logic IX Mathematics VIII Philosophy VII Physics VIII Physics X Social Science III

Twenty-five

## DEPARTMENTS OF INSTRUCTION

#### ANCIENT LANGUAGES

Dr. Wolfe

#### LATIN

## I and II. Cicero's De Senectute, Livy, Odes of Horace.

Elective for Freshmen, first and second semesters.

Open to all students bringing four entrance units in Latin or three units of superior excellence.

- (1) **De Senectute:** Thorough review in grammar and composition based on the text. Biographical studies of the great statesmen, poets and generals cited by Cato.
- (2) Livy, Book XXI and sight reading. Oral expression in Latin.

  Odes. Study of their mythological and literary allusions, poetic imagery and phraseology.
- III and IV. Letters of Cicero, Plautus, Satires and Epistles of Horace. Elective for Sophomores, first and second semesters. Prerequisite courses I and II.
  - (1) Select Letters. Captivi or Trinummus of Plautus.

Roman political history in the last age of the Republic. Study of conversational Latin.

(2) Satires and Epistles. The daily life, thought and speech of the Romans, their social customs and practical philosophy are made especially prominent in the Latin of this year. Lectures on the Archaeology of Rome and Pompeii accompany the work of this semester, with assigned readings on Roman private life and on the existing remains of the ancient city.

## V. Tacticus, Germania and Agricola.

Elective for Juniors, first semester. Prerequisite, courses I and II.

The Romans in Britain and on the Rhine, Roman provincial administration and the establishment of Teutonic kingdoms on the ruins of the Western Empire.

Lectures on the relation of Latin to English and the other tongues of Europe and Asia.

Twenty-six

#### VI. Roman Law.

Robertson's Selections are read. Elective for Juniors, second semester. Influence of Civil Law in a comparative study of legal principles and usages in Rome, England and Missouri. Prerequisite. courses I and II.

#### VII. Lucretius.

Prerequisite, courses III and IV. Elective first semester for Seniors.

A study of Epicurean philosophy as expounded by the great poet in Book V, and in Cicero's De Natura Deorum.

#### VIII. Teacher's Course.

Elective for Seniors. Prerequisite III, IV, and two of V, VI,

But courses III, IV in Greek will be accepted in lieu of two from V, VI or VII in Latin as prerequisite for course VIII, and as satisfying the requirements for the major course in Latin. Review of elements of grammar in the light of comparative phonology, morphology and syntax. Comparison of texts and editions. Study of methods of teaching. Daily practice in writing and sight reading.

## GREEK

## I and II. Elementary Greek.

Elective first and second semesters for Freshmen.

Beginners' course. Open to all who are willing to make the effort to learn in one year to read simple Greek with facility.

Introductory lessons and composition followed by Xenophon's Anabasis. Collateral reading, life of the Ancient Greeks, etc.

III and IV. Plato and Homer.

Elective first and second semesters for Sophomores. Prerequisite, I and II or equivalent.

Plato's Apology and Crito. An introduction to the most pro-found and most lucid of the world's great thinkers. Homer's Iliad, Books 1, 2, 3, or selections. The epics of Homer exerted a more powerful influence upon the literature, the art and the religion of Europe than any other writing outside the New Testament. Collateral reading, The Mycenean Age, etc. (See under Latin 8.)

Twenty-seven

#### V. New Testament Greek.

Elective first semester for Juniors. One gospel and select epistles. Not contingent upon courses III and IV, but most profitable to those who have completed them.

#### VI. Greek Literature and Art.

Elective second semester for Juniors.

A lecture course covering the masterpieces of literary genius, of architecture and sculpture. Supplementary readings and illustrations. Open to all. No knowledge of Greek required.

#### VII and VIII. Greek Tragedy.

Elective first and second semesters for Seniors.

The Antigone of Sophocles and Iphigenia of Euripedes, with study of the original setting of the Greek drama. Prerequisite, courses III and IV.

#### ASTRONOMY

PROFESSOR WELLS AND MISS FIELD

## I. Descriptive Astronomy, Elective. First Semester, Junior.

As the name implies, this course will be largely "descriptive," dealing with the constellations and such celestial objects as can be examined by means of the 8-inch equatorial telescope. Considerable work will be done in the observatory. Only as much mathematics will be required as will enable the student to understand the celestial sphere and the simpler motions of the heavenly bodies. On this account it will be open to anyone who has taken course I, in mathematics.

# II. Spherical and Practical Astronomy. Elective for Juniors. Second Semester.

This will be largely a laboratory course in which much use will be made of the instruments in the observatory. The constants of the sidereal transit will be computed and this instrument and the surveyor's transit will be used in the solution of problems in time, latitude, longitude. etc. No special text book will be used, but reference will be made to Campbell, Greene, Loomis, Chauvenet, etc.

Or, if the class so desires, a second semester's work will be given in Descriptive Astronomy.

Twenty-eight

#### BIBLICAL HISTORY AND LITERATURE

#### PROFESSOR TEENER

## Old Testament History. Required of Freshman. First Semester. (Repeated second semester.)

A brief review of the earlier narratives of the Old Testament is given. Then follows a more intensive study of the narratives dealing with the origin and development of the nation of Israel. The fundamental law of the nation and its religious system receive special attention, that the student may more fully understand the later history of the nation. The text used is the American Revised Version of the Bible and a standard Dictionary.

# II. Life and Teachings of Jesus. Elective, First Semester, Sophomore.

A study of the life and character of Jesus as presented in the four gospels. Assignments for reading are made in the best lives of Christ such as Stalker's, Andrews' and Smith's Days of His Flesh.

The teachings of Jesus concerning the great religious verities as God, Man, Sin, and Salvation, are studied to acquaint the student with the proper basis for a study of the social significance of the teachings of Jesus with which much of the course deals. Speer's **Principles of Jesus** is used as a guide book, the main text being the American Revised Edition of the Gospels. The course, therefore, is essentially biblical rather than ethical or philosophical and is intended to give the student a working knowledge of the ideals of Jesus in the field of religious and social relations.

# III. Apostolic History and Literature. Elective, Second Semester, Sophomore.

A study of the Apostolic Age. The origin and growth of Christianity is traced until the close of the first century. This includes a careful study of the Book of Acts and representative Epistles of Paul. The Life of Paul receives special attention. Purves' Apostolic Age is used as text book. Reference work, historical and biographical, forms an important part of the work.

# IV. History of Israel. Elective, First Semester. Junior Prerequisite I.

History of the Hebrew nation from their settlement in Canaan to the division of the Kingdom under Rehoboam. The origin of prophecy is noted and its development is traced.

## V. The Prophets of Israel. Elective, Second Semester, Junior. Prerequisites. I and IV.

Certain books of the prophets are carefully read and their importance in the nation's life emphasized. The American Revised Version is the text with some standard dictionary.

## VI. The Principles and Practice of Religious Education. Elective, First Semester, Junior.

The course is offered for the special training of Sunday School workers in the principles and methods of lay religious work. It includes studies in educational evangelism, personal work, and rural and city missions. As a basis for class room recitation and discussion, Athearn's The Church School and Coe's Education in Religion and Morals are used.

## VII. The History of Religion and Christian Missions. Elective, First Semester, Senior.

A study of the development of world religions and a comparison of Christianity with the ethnic faiths. Emphasis is placed upon the supernatural origin and supreme value of Christianity as the final faith and a brief review of the history of its conquests throughout the world is given. Menzies' History of Religion, Religions in Mission Fields, and Mason's Outline of Missionary History are used as texts. Stereopticon slides of religious rites and ceremonies, lectures, and special reading upon chosen phases of religious phenomena complete the course.

## VIII. Theism. Elective. Second Semester, Senior.

The work will be largely lectures with theses by the students. The problem of the Christian faith is faithfully presented and candidly discussed.

#### **BIOLOGY**

## Professor Findlay, Mr. Eskeridge

All courses in this department except Nos. IX and X require one hour in the lecture room and four hours in the laboratory, but they are reckoned as three hour courses. There is a laboratory fee of two dollars for each course except VI, IX and X.

Courses I and II, or their equivalent, are prerequisite to all other courses in this department. Courses III and IV are recommended as

Thirty

a preparation for further work in Agriculture or Forestry. Nos. I, II, VI, VII and VIII are recommended as a preparation for medicine and to those wishing to teach Physiology, Nature Study, Biology and allied sciences. Courses VI and IX are not technical and require no laboratory work.

# I and II. General Biology. Throughout the year. Required of those entering without its equivalent.

#### I. Freshman, First Semester.

This course surveys the structures and functions common to animals and plants with special emphasis on the animals. The earthworm or the crawfish are the types used. It includes instruction in pen-sketching and in the use of the compound microscope. Texts: Sedgwick and Wilson's General Biology.

## II. Freshman, Second Semester. Required.

This course includes a systematic study of the simpler plants like pond scums and molds. Special emphasis is laid on the fundamentals of Plant Physiology. A text and laboratory manual are used in conjunction with lectures and assigned readings.

## III. Entomology. Sophomore, First Semester. Elective.

In the study of insects, stress is laid on the relation of structure to environment and on the economic aspects of the subject. Each student collects and classifies the common insects of this locality, especially those which prey on crops and fruit.

## IV. Agriculture. Sophomore, Second Semester. Elective.

This course applies the principles of Botany and Entomology to general farming and fruit culture. Some time is spent in studying the fungi injurious to trees and crops. Students make excursions to neighboring farms and gardens for practical observation of methods. This course is valuable to those expecting to teach Agriculture in the public schools. Texas: Soraurer's Physiological Botany, Duggar's Plant Physiology and Gehr's Agriculture.

Reference Readings from Government bulletins are required.

## V. Invertebrate Zoology. Junior, First Semester. Elective.

This course includes a comparative study of the structure, habits and functions of the simplest animals like Amoeba, Sponges, Clamsand Starfish. Text: Parker and Haswell's Zoology, Vol. I.

VI. Hygiene and Sanitation. Junior, Second Semester. Elective.

The applications of Science to personal health. A text and demonstration course.

#### VII. Senior, First Semester, Elective.

The lancelet, shark, frog and cat are the types used as a basis for comparative study of Anatomy and Physiology. The laboratory is well equipped with skeletons and models for this purpose. Texts: Parker and Haswell's Zoology, Vol. II, Holmes' Frog, Weidersheim's Comparative Anatomy. Courses VII and VIII are continuous.

VIII. Embryology and Histology. Course VII, or its equivalent. Senior, Second Semester. Elective.

The eggs of the fish, frog and fowl form the basis of study. The student is given practice in microscopic technique. Texts: Parker and Haswell's Zoology, Vol. II, and Stohr's Embryological Histology.

 General Geology. Senior, First Semester. This is a text-book and lecture course.

The stereopticon is frequently used to make distant scenery real. The museum affords abundant material for illustration. The strata of this vicinity is mapped and studied as far as time permits. Text: Cleland's Geology. Courses IX and X are continuous.

X. Paleontology and Evolution. Senior, Second Semester. Prerequisite, IX. Courses V and VII form an excellent basis for X.

In this course the entire range of animals and plants are reviewed systematically and the more obvious relationships are observed. The philosophy and theory of natural science is here discussed. Collections of the fossils of the vicinity are made. These courses are valuable to those expecting to teach Physiography and those who wish to review their sciences for further study or for teaching. Texts: Cleland's Geology and Shimer's Fossils.

#### CHEMISTRY

#### PROFESSOR DEAN

## I and II. General Chemistry. Freshman. Through the year.

A course in beginning Chemistry, offered in the Freshman year, for those who have not had work in this subject prior to college enrollment. This course is designed to meet the needs of those who intend to take course I in Home Economics.

## III and IV. General Chemistry. Sophomore. Through the year.

This is a repetition in the Sophomore year, of courses I and II, with the exception that they are designed more especially as preparation for courses V and VI. Class limited to 20.

# V and VI. Advanced General Chemistry and Qualitative Analysis. Junior.

Three hours, through the year. This course is elective in the Junior year. Prerequisite course I and II, or III and IV, or their equivalent.

## VII and VIII. Chemistry.

This course as offered in the Senior year is designed for students who desire work in advance of that already taken. Advanced work may be taken up here to suit the needs and preparation of the pupil as the laboratory facilities will permit.

In all the courses complete and accurate note books of all experiments, lectures, and demonstrations are required of each pupil as work progresses.

#### **EDUCATION**

#### Dr. Cook

# I. Educational Psychology. First Semester. Sophomore Elective. (Repeated the Second Semester.)

A study of the psychology of the learning process, including instincts, habits, capacities, conditions of improvement and individual differences; the application of psychological principles and the results of experimental education to the practical problems of the school and the home. This course is prerequisite to all courses in education. It must be preceded by a course in general psychology.

## II. History of Education. First Semester. Junior Elective.

A brief consideration of the education of the nations of antiquity followed by a more careful examination of the systems of Greece and Rome; educational progress of the leading European nations during the middle ages and modern times; the work and influences of the great modern educators with special reference to their bearing upon present problems and tendencies; select reading in educational literature.

## III. Principles of Education. Second Semester. Junior Elective.

An introductory course in the philosophy of education. An examination will be made of the fundamental principles of educational theory and practice with a yiew of providing the teacher with a broader and more intelligent basis for his ideals and methods. Such topics as educational aims and values, heredity and environment, interest and effort, ways of learning, the evolution and function of the school will receive special consideration.

## IV. Methods of Teaching. First Semester. Junior and Senior Elective.

A discussion of the general principles of method and their application to the art of teaching; special study of methods in high school instruction that are based upon scientific experiment, expert opinion and successful experience. Some attention will be given to methods of teaching specific studies but regular courses in special methods will be given in the various departments.

# V. School Administration. Second Semester. Junior and Senior Elective.

A short course in the principles and practical problems of classroom and school management followed by a fuller consideration of the larger questions of high school administration, such as legal status, the program of studies, qualifications of teachers, duties of the principal, student activities, vocational guidance and community extension. A brief study will be made of the work of supervision.

# VI. Secondary Education. First Semester. Junior and Senior Elective.

A somewhat extended study of the history, significance, educational aims and values of the secondary school with special reference to the work and problems of the American high school. Those who do not take the course in administration may be assigned readings and reports on high school management and administration. Given at discretion of the instructor. Hours to be arranged.

# VII. Social Education. Second Semester. Junior and Senior Elective.

A study of the broader relations of the school to society. Considerable attention will be given to the problems of moral and religious education and the methods of moral and religious teaching and training in the school. Given at discretion of the instructor; hours to be arranged.

Thirty-four

## VIII. Practice Teaching. For Seniors.

A number of the best Senior students are used as teachers in the Academy. Their work is under the supervision of the Principal of the Academy in co-operation with the department of education and the department to which the subject belongs.

Note—A College Graduate Certificate is issued by the Department of Education of the State of Missouri to graduates of the College who have completed a specified number of courses in education.

### ENGLISH LANGUAGE AND LITERATURE

PROFESSOR BURROWES, MISS LYON

I. English Composition. Required of Freshmen. First Semester.

(Repeated Second Semester.)

The elements of effective writing in prose. Frequent themes and conferences with the instructor. If at any time in his course a student is reported as careless or deficient in English, he may be required to repeat this course. Mr. Burrowes, Miss Lyon.

## II. Introduction to Literature. Elective. Second Semester. Open to Freshmen and Sophomores.

An introduction to literary appreciation and criticism, through the careful reading of various types of composition. Recommended to students desiring a single course in English literature, and required of students majoring in English. Mr. Burrowes.

# III. Advanced Composition. Elective. Second Semester.

Open to Freshmen and Sophomores who have made a grade of G in English I. Limited to 12. Miss Lyon.

# IV. American Literature. Elective. Second Semester. Seniors and Juniors.

A rapid survey of American literature with emphasis on the more important authors. Mr. Burrowes.

Thirty-five

# V. The English Novel. Elective. Second Semester. Seniors and Juniors.

A study of the principles of prose fiction and the development of the English novel from medieval to modern times. Reading of a selected list of novels. Mr. Burrowes.

# VI. The Victorian Essay. Elective. Second Semester. Sophomore.

A study of the representative Victorian essayists and their works. Lectures, fortnightly papers. Miss Lyon.

# VII. Coleridge and Wordsworth. Elective. First Semester. Senior and Junior.

A survey of the rise of romanticism in England, and a careful study of Coleridge and Wordsworth in their relation to their period. Mr. Burrowes. (Not offered in 1920-1921.)

# VIII. Tennyson and Browning. Elective. First Semester. Senior and Junior.

Tennyson's poetry is studied to determine his development as an artist and his relation to the chief movements of the time. Browning's characteristic methods, his outlook upon the life and thought of his age, and his view of poetry are sought in the study of his work. Miss Lyon.

## IX. Shakespeare. Elective. Second Semester. Junior and Senior.

All of Shakespeare's plays will be read, and several will be given close study. Miss Lyon.

# X. The Drama. Elective. Second Semester. Senior and Junior.

The development of the English drama; its chief characteristics. Rapid reading of a number of plays. Mr. Burrowes. (Not given in 1920-1921.)

# XI. History of the English Language. Elective. First Semester. Senior.

A study of the principal changes in our language since Old English times, as to both grammar and vocabulary. Recommended especially to those who expect to teach English. Mr. Burrowes.

# XII. Milton and Dryden. Elective. First Semester. Junior and Senior.

A study of the seventeenth century after the death of Shakespeare; lectures and reports. More detailed consideration of the Thirty-six

work of Milton and Dryden; reading and discussion of a large portion of their works. Mr. Burrowes.

# XIII. Nineteenth Century Poets. Elective. First Semester. Sophomore.

A study by lectures, readings, and discussions of some of the chief poets of the past century. Mr. Burrowes.

## MRS. GEORGE S. PARK

## DEPARTMENT OF HISTORY

#### Professor Magers

All courses of this department are elective, but a minimum of six semester hours are required for graduation. The following courses are offered:

## I. First Semester. Freshman.

Modern European History, from the sixteenth century to 1815. The social as well as the political aspects are emphasized.

#### II. Elective. Second Semester. Freshman.

Modern European History, 1815 to the present day.

## III. First Semester. Sophomore.

American History, from the colonial period to 1860. Not so much a study of the details of the historical narrative as of the development of our institutions. Many topics are assigned for special investigation and reports, and much collateral reading required.

## IV. Second Semester. Sophomore.

American History, a continuation of the preceding course, from 1860 to the present day.

#### V. First Semester. Senior.

The French Revolution and the Napoleonic Era. An intensive study of the causes, progress and results of the Revolution and of the career and influence of Napoleon. Text books are used, but much other work is required.

# VI. First Semester. Junior. The Development of Anglo-Saxon Institutions.

A study of the growth of the English Constitution and political institutions, with our American adaptations and additions to them.

## VII. Second Semester. Junior. The Geographic Conditions of History.

An investigation of the influence of geography and topography upon the course of world history—ancient, medieval and modern.

### HOME ECONOMICS

#### MISS COLES

## I and II. Selection and Preparation of Food. First and Second Semesters for Sophomores.

The Chemical Composition of food: The changes effected by heat, cold or fermentation; nutritive and economic value; the preparation and service of meals for a family.

Lecture and Laboratory. Both courses must be taken in order to secure credit.

Prerequisites-Elementary Chemistry and Elementary Physics.

# III. Hygiene and Home Nursing. First Semester for Juniors.

This course deals with Home Nursing as distinct from the more elaborate technic of hospital practice. Maintenance of health and prevention of disease is emphasized. Laboratory practice is given in such subjects as bed making, bandaging, emergencies, invalid cookery, etc.

## IV. Home Architecture, Sanitation, Interior Decoration, Household Management. Second Semester for Juniors.

House planning, situation, surroundings, construction; heating, lighting, ventilating, water supply, drainage; furnishing from a sanitary and artistic standpoint; expenditure of the income; organization of the household. Lectures, Laboratory.

#### V. Dietetics. First Semester for Seniors.

Principles underlying dietetics, function of food, the way the body deals with food, calorimeter. Survey of the history of Thirty-eight

dietetics; foods, study of the Sources of Food principles; construction of dietaries; dietetic treatment of certain diseases. Lecture and Laboratory. Prerequisites, Home Ec. I, II, Applied Chemistry.

## VI. Clothing. Second Semester for Seniors.

Textiles, the important fibers and materials made from them; chemical analysis of fabrics; dress design; garment making, drafting, cutting, fitting and making of garments from commercial patterns and from original designs; weaving of rugs.

## VII. Teachers' Course. First Semester for Seniors.

This course considers the teaching of Domestic Science and Art in the elementary and secondary schools; practice in the making of lesson plans and presenting of lessons; problems in the equipping of Laboratories for Domestic Science and Art; hand sewing, the making and application of fundamental stitches.

## MATHEMATICS

PROFESSOR WELLS AND MISS FIELD

# I. Plane and Spherical Trigonometry. Required for Freshmen through First or Second Semesters.

This work includes that which is usually given in the subject, together with a discussion of the elementary principles of surveying.

# II. College Algebra. Elective. Second Semester, Freshmen. Required of all those who expect to continue the study of mathematics.

In this course topics in review depending upon the needs of the class will be taken up. After this work has been done, series, permutations and combinations, determinants and theory of equations will be discussed.

# III. Analytics. Elective for Sophomores. First Semester.

In this course the ordinary topics of Analytical Geometry includng the straight line, the circle, the conic sections and some of the higher plane curves will be covered. In addition to this, such topics as inversion, poles and polars, etc., will be taken up as time will permit. Prerequisite, Courses I and II.

## IV. Calculus. Elective for Sophomores. Second Semester.

In this course the student is introduced to the fundamental principles of Calculus. Thorough drill will be given in the process of differentiation and to a certain extent of integration. These processes will be applied to certain practical problems.

## V and VI. Calculus. Elective for Juniors. First and Second Semester.

This is an entire year's work. It follows course IV, which course is prerequisite. No credit will be given unless both semesters are taken.

#### Elective for Seniors.

A full year's work in mathematics will be offered in the Senior year. This work will be arranged to suit the needs of the class. One of the following courses may be elected:

VIIa and VIIIa Advanced Calculus.

VIIb and VIIIb Differential Equations.

VIIc and VIIIc Projective Geometry.

VIId and VIIId Theory of Equations.

VIIe Mechanical Drawing.

VIIIe Descriptive Geometry.

VIIf Advanced Analytic Geometry.

VIIIf Solid Analytic Geometry.

# MODERN LANGUAGES

PROFESSOR SANDERS, MISS FIGG

Students who expect to be recommended to teach modern languages should take all the work offered by the Department. Students planning to take up graduate work upon completion of their college course should secure a reading knowledge of German and French. All Freshmen elect six hours of some foreign language. In beginning a language no credit will be given for less than a year's work.

#### GERMAN.

## I. Beginning German. Elective. First Semester, Freshman.

Essentials of grammar; drill in pronunciation. German is the medium of the classroom from the first hour on. For students who have had no German.

# II. Continuation of Course I. Elective. Second Semester Freshman,

A reader is used and easy classics selected from modern authors, reproduction of the text, conversation and dictation.

# V. Schiller. Elective. First Semester, Sophomore.

A careful study of William Tell. Informal lectures on the life and influence of Schiller.

## VI. Modern German Prose. Elective. Second Semester, Sophomore.

Composition and review of syntax. Scientific study of the German vocabulary.

# VII. Lessing, Goethe and Schiller. Elective. First Semester, Junior.

An introductory study of their lives and works. One work of each author carefully studied. Prerequisite, German V. (Not. offered 1920-1921.)

## VIII. German Literature. Elective. Second Semester. Junior.

(a) History of German Literature.

A general survey course to the death of Goethe. Informal lectures and discussion by the instructor, supplemented by readings from histories of German Literature, Scherer, Robertson, Thomas. Assigned readings in Anthologies.

(b) Modern Drama and Novel.

Wildenbruch, Sudermann, Hauptmann, Keller, Frenssen, Grillparzer; selected work of these authors are read outside of class and the value and nature discussed in class. Reports and reviews. (Not offered in 1920-1921.)

# IX. Goethe, Life and Works. Elective. First Semester, Senior.

Faust. Part I is studied in detail. Outlines of Part II are given in lectures. A Biography of Goethe studied.

# X. Goethe and Heine. Elective. Second Semester, Senior.

A careful and sympathetic study of the poetry of Goethe and Heine. An attempt is made to interpret the work of these great poets. Not a translation course.

## XI. Teacher's Course. Elective. First Semester, Senior.

Methods of teaching Modern Languages. Lectures, reports and practice teaching.

## XII. Composition and Conversation. Elective. Second Semester, Junior and Senior.

Primarily for those who expect to teach German. It gives practice in speaking and writing. Conducted entirely in German.

## XIII. Scientific German.

For students specializing in Science and Mathematics. Offered at request.

### FRENCH

## I. Beginners' Course. Elective. First Semester, Freshman.

Pronunciation, conversation, grammar. Exercises in regular verb forms.

Forty-two

- 1b. A rapid reading course in Modern French Fiction, informal lectures on French life and customs. For students entering with two years' high school French.
- II. Continuation of Course I. Elective. Second Semester, Freshman.

Practice in reading French. Sight translation. Composition.

Drill in irregular verbs. Conversation. Several classics read.

- IIb. Elementary conversation and composition.
- III. Modern Prose. Elective. First Semester, Sophomore.

Rapid reading from modern writers. Review of grammar, composition, modern comedies.

IV. French Comedy. Elective. Second Semester, Sophomore.

Beaumarchias, Le Barbier de Seville; Mariveaux, Le Jeu de L' Amour et du Hazard; Moliere, L'Avare.

V. Conversation and Composition. Elective. First Semester, Junior.

A practical course in speaking and writing French.

VI. The French Short Story. Elective. Second Semester. Junior and Senior.

A study of the representative Short Story Writers of the nineteenth century, Maupassant, Flaubert, Merimee, Zola, etc. The general trend of French Literature before the war and the French Short Story as a distinct type.

VII. The Classic Drama. Elective. First Semester. Senior.

A study in the seventeenth century. Corneille, Racine, Moliere.

VIII. Survey of Modern French Literature. Elective. Second Semester, Senior.

Sixteenth, seventeenth, eighteenth and nineteenth centuries. Literature of Renaissance and Classical periods. Influence on English Literature. The Philosophic Age. The Romantic movement in France. Lectures, reports, and discussions in English.

IX. Scientific French. Offered at request.

For Teacher's Course, see German XI.

#### SPANISH

 Beginners' Spanish. Elective. First Semester, Freshman and Sophomore.

Practical work in beginning Spanish. Conversation, composition, grammar.

II. Continuation of Course I. Elective. Second Semester, Freshman and Sophomore.

A Reader is introduced. Drill in conversation and sight translation.

- III. Commercial Spanish. Elective. First Semester, Sophomore. Harrison's Spanish Commercial Reader.
- IV. Modern Spanish. Elective. Second Semester, Sophomore.
  Rapid reading of several comedies and stories with conversation.
- V. The Nineteenth Century. Elective. First Semester, Junior and Senior.

A detailed study of representative modern writers.

VI. Composition and Conversation. Elective. Second Semester, Junior and Senior.

A Practical Course in speaking and writing Spanish.

#### SOCIAL SCIENCE

PROFESSOR MAGERS

I. Comparative Government. First Semester. Junior.

A study of the origin, development and present working of our governmental institutions, and those of the leading European nations. Based upon a text book, but including also much special investigation by members of the class, with debates and assigned topics. This course may be credited towards the six hours of History required.

Forty four

### II. Economics. Second Semester. Junior.

Using a text for regular recitation work, with many class-room discussions of important topics and considerable collateral reading. The practical phases of the subject are emphasized.

## III. Sociology. Second Semester. Senior.

A study of the practical, rather than the theoretical aspects of the subject. A text book is used, supplemented with many lectures, etc., and the special investigation of normal and abnormal social conditions in neighboring cities, for which we are very advantageously located.

## BENJAMIN S. BROWN DEPARTMENT OF PHILOSOPHY

#### PROFESSOR WILSON

### General Psychology. First or Second Semester. Freshman. Elective.

The course presupposes an elementary knowledge of the structure of the brain and of the nervous system. It aims to reveal the nature of the self and of society. The laws of conscious life which determine behavior are unfolded.

The texts are: Psychology, by Breeze; The Essentials of Psychology, by Pillsbury, and Social Psychology, by Ross. There are lectures and readings. This course is required of all who take further work in Philosophy and Education.

# II. Applied Psychology. First Semester. Sophomore. Elective.

This course is intended for students of general psychology who desire to become acquainted with laboratory methods in this science and who wish to know the ways psychology is now applied to various business and social problems. There is an excellent laboratory for experiments in psychology. This course may be repeated the second semester in place of course III.

## III. Applied Psychology. Second Semester, Sophomore. Elective.

This course is a continuation of Course II.

## IV. Social Ethics. First Semester. Junior. Elective.

This course covers one year of work and an inductive study of the moral problems which occur in society as now organized. Such topics are studied as the Teacher, Student, Doctor, Lawyer,

Clergyman, Editor, Banker, Trade, Corporations, Labor Unions, Insurance, Women in Business, Political Parties, Municipal Control, Parents, Children, Divorce, City, Farm, Charity, Mental, Emotional and Volitional Hygiene, Recreations, Manners and Friends. Palmer's Field of Ethics and Wrake's Problems of Conduct are also used.

The text is Wilson's An Inductive Study of the Standards of Right.

Lectures are also given.

#### V. Ethics. Second Semester. Junior. Elective.

An introductory course is intended to familiarize the student with the main aspects of ethical history and theory and thereby reach a method of estimating the controlling conduct. The main divisions of the course: the general nature of moral conduct; the relation of morality to evolution; the comparative study of present ethical theories; the application of the foregoing to present problems of individual and social life. The texts are Paulsen's Ethics and An Introduction to the Study of Ethics, by De Laguna.

Lectures are given in this course.

## VI. History of Philosophy. First Semester. Senior. Elective.

This course presents the fundamental problems of philosophical thought as they unfold historically. Emphasis is laid on the cardinal virtues as related to the science and culture of the different periods. Rogers' Student's History of Philosophy and A Beginner's History of Philosophy, by Cushman, are used as texts. A series of lectures runs parallel with the texts and constant reference is made to the source books, such as Bakewell's Source Book in Ancient Philosophy, and Rand's Modern Classical Philosophers.

Lectures are given in this course.

# VII. Present Philosophical Tendencies. Second Semester. Senior. Elective.

The course is a consideration of present day philosophical systems. The text is **The Present Conflicts of Ideals**, by Perry. The currents of thought which control modern life are indicated and related to the problems of the present day. The works of Eucken, Bergson, James and Royce are studied. Course VI is a prerequisite.

## VIII. Psychology of Religion. First Semester. Senior. Elective.

This course treats of the relation between psychology and the origin and functions of religion and its relation to the problems of science and democracy. The course opens with the psychology of primitive religions, then the development of religion from childhood to maturity is considered and finally the relations between psychology and the religious movements and tendencies of our day are discussed.

Texts by James and Ames are studied.

Forty-six

## IX. Logic. Second Semester. Senior. Elective.

The topics considered in this course are those generally included in a survey of logic—such as the concept; the various forms of judgment; inductive and deductive aspect of reasoning; the nature and the use of the hypothesis; methods of inductive inquiry and experimental investigation; syllogism and fallacies, etc. The fundamental aspect of thought is stressed and attention is called to the underlying psychological principles. The aim is to make clear the close connection between logic and the practical problems of every day life and to show that logic arises out of the need of individuals and helps one to organize his experience in a way to deal more effectively with any subject matter in which there is interest.

# X. Animal and Abnormal Psychology. Junior. Elective. Alternates with VIII.

This course is in two parts.

- (a) An investigation of animal intelligence.
- (b) An examination of abnormal cases.

## XI. Social Psychology. Alternates with IX. Senior. Elective.

A course in the essential and common foundation of all social sciences. The springs of human action are considered. The established body of psychological truth is presented that a factual rather than theoretical approach may be made to the social sciences. The moralization or socialization of the individual is the essential theme of the course.

#### **PHYSICS**

#### PROFESSOR EDWARDS

Course I and II are required of Freshmen not receiving entrance credit in Physics.

Courses III, IV, V and VI or equivalent are not only prerequisite for all further work in pure Physics, but are also essential to meet the entrance requirement in Physics in all the leading medical Colleges.

# I and II. Elementary Course. Three hours through the year, including recitation, lecture and laboratory.

The work of the first semester includes Mechanics and Heat; during the second semester, the elements of Magnetism, Electricity,

Forty-seven

Sound and Light are presented. Though the subject matter pertains largely to those topics of every day interest with which any well-informed person should be familiar, the student also receives some glimpse into the methods of physical reasoning.

Laboratory fee, \$1.00 each semester. Text: Millikan and Gale.

# III and IV. General Course. Sophomore. Three hours through the year, recitation, lecture and laboratory.

In this course the subdivisions of Physics are treated in a much more thorough manner than is possible in the elementary course and from a thoroughly scientific viewpoint. All work taken is of a quantitative nature, and the close relation between the apparently dissimilar phenomena of Physics is carefully demonstrated. The equipment is ample and of a high order. Among the instruments for work on the light may be mentioned a line of high grade Gaertner spectrometers, prisms, diffraction gratings, heliostat, micrometer microscope, and Lummer Brodhun Photometer.

Prerequisite: Elementary Physics and Freshman Mathematics. In addition it is recommended that the course be accompanied by Sophomore Mathematics. Laboratory fee, \$1.50 each semester.

# V and VI. Electricity and Magnetism. Three hours through the year including recitation, lecture and laboratory.

The theoretical work of the first semester consists largely of the derivation, interpretation and discussion of the fundamental formulae essential for a comprehensive understanding of electrical principles. For their experimental demonstration, suitable equipment is provided. In the laboratory precise measurements are made of currents, potential differences, high and low resistance, capacity, inductance, hysteresis, etc.

During the second semester, commercial applications of electricity and magnetism are studied. About one-third of the semester is spent on direct currents, the remainder being devoted to alternating currents. Single phase and three phase alternating currents as well as several ranges of direct current are available. The treatment throughout is from a scientific rather than from a professional viewpoint.

Prerequisite. Physics III and IV. It is highly desirable that this course be accompanied by Junior Mathematics. Laboratory fee, \$1.50 each semester.

# VII and VIII. Analytical Mechanics. First and Second Semesters.

A theoretical course elective for Seniors. The phenomena of Mechanics are examined analytically, with the simplification made

Forty-eight

possible by a free use of the Calculus. Not only is this course essential for many technical lines of work, but it is invaluable to prospective teachers of elementary Physics. Text: Dadourian's Analytical Mechanics.

# IX. Advanced Heat. Elective for Juniors and Seniors. First Semester.

This course is an analysis of the methods and results of the classical measurements in Heat, including the methods of attainment and precise measurement of very high and very low temperature, the kinetic theory of gases, thermodynamics, and some discussion of the quantum theory. Prerequisite, General Physics and preferably Physics V (or enrollment in same).

# X. Electron Theory and Radioactivity. Elective for Juniors and Seniors. Second Semester.

The study of X-Rays, radioactivity and allied phenomena, discovered during the last twenty-five years, has revolutionized many phases of Physics. In Physics X, the more important results of these epoch-making discoveries are presented. This course is of intense interest to chemists as well as to physicists, as much new light is thrown on the structure of the atom and on the nature of matter in general. Prerequisite, Physics V, and Calculus (or registration in same).

#### PUBLIC SPEAKING AND INTERPRETATION

Professor Burrowes, Miss Lyon

# I. Elements and Expression. Elective. First and Second Semesters. Freshman.

A study of the fundamental principles of public speaking. Recitations, lectures, and drill in action indicated by the individual needs of class members. Class criticism of each student's rendition of memorized selections. (Limited to 20.) Miss Lyon.

## II. Interpretative Reading. Elective. First Semester. Sophomore.

Review of Course I. Study and presentation of various literary forms; lyric, epic, story, and matter of fact. Sight and Bible reading are emphasized. This course is recommended for all who contemplate teaching English. Prerequisite: Public Speaking I. (Limited to sixteen.) Miss Lyon.

## III. Modern Drama. Elective. First Semester. Junior.

Lectures on dramatic technic and tendencies from the time of Ibsen. Analysis of plot, incidents and character. Scenes from modern dramas will be given in class. Each student will prepare especially for recitation one scene from a modern drama. (Limited to twenty.) Miss Lyon.

## IV. Effective Speaking. Elective. Second Semester. Junior.

The expository address; practice in the delivery of both prepared and extempore speeches; study of selected addresses as models. (Limited to sixteen.) Mr. Burrowes.

# V. The Argumentative Address. Elective. First Semester. Sophomore.

A study of the principles of argumentation; frequent practice in speaking, both after preparation and extempore. (Limited to sixteen.) Mr. Burrowes.

# **PRIZES**

## DANCY ORATORICAL PRIZE

This prize is ten dollars contributed by Mr. Merle W. Dancy of St. Louis, Mo., in memory of his mother, Mrs. Anna Primrose Dancy. It is awarded for the best oration delivered at Commencement.

Awarded, 1919: Wright Hoffman.

#### PARK LAWRENCE PRIZE

This prize is \$10.00 contributed by Mrs. Geo. A. Lawrence of Galesburg, Ill. It is awarded for the best essay presented at Commencement.

Awarded, 1919: Marie Dancy.

### McCUISH PHILOSOPHY PRIZE

This prize, the income of \$200, is given by Rev. J. B. McCuish, D.D., '87, and Mrs. Anna Hulburd McCuish, '87, for the best work done in Philosophy.

Awarded, 1919: Florence Cramer.

Fifty

#### LAWRENCE ORATORICAL PRIZES

These are \$20, \$10, and \$5, contributed by Mr. and Mrs. George A. Lawrence of Galesburg, Ill., and are awarded to the successful competitors in a junior-senior oratorical contest, which regularly occurs during the commencement week.

Awarded, 1919: First place, Wright Hoffman; second place, Wallace Farley; third place, Edgar Porter.

### CHARLES S. SCOTT ASTRONOMICAL PRIZES

These prizes are \$15 and \$10, income of the endowment of Mr. Anthony Dey, deceased. Awarded for best examination in Astronomy and solution of special problems.

Awarded, 1919: First place, George Dewey Van Dyke; second place, Honor Pettit.

# DAUGHTERS OF THE REVOLUTION AMERICAN HISTORY PRIZES

These prizes, \$10 and \$5, are given by the Rebecca Park Chapter, Galesburg, Ill., for the best and second best essays on American History subjects. Offered to advanced students.

Awarded, 1919: First place, George Dewey Van Dyke; second place, Nora Taylor.

## W. J. GRESHAM ECONOMICS PRIZE

Given for best work in class-room.

Awarded, 1919: George Dewey Van Dyke.

### PARK BANK PRIZE

This prize is contributed by the Park Bank and is offered to Sophomores for the best grade in an examination in General History.

Awarded, 1919: Edna Norrington.

## LAWRENCE ESSAY PRIZES

These are \$15 and \$10, contributed by Mr. and Mrs. George A. Lawrence, and are awarded for the best and second best essays produced by the members of the Freshman and Sophomore classes.

Awarded, 1919: First place, Clarke Foster; second place, Alta Rauch.

## VERRILL DECLAMATORY PRIZES

These prizes are books, given by Mrs. H. S. Verrill, Elmire, N. Y., and a memorial to Prof. Henry S. Verrill, to students delivering the best declamations in a contest between members of the Freshman and Sophomore classes.

Awarded, 1919: First place, Paul McCluer; second place, Ivanoel

Gibbins.

## CHARLES S. SCOTT BIBLICAL PRIZES

These prizes, \$15 and \$10, are the income of endowment of Mr. Anthony Dey, deceased. Awarded for the repetition of the proverbs and best examination in Old Testament History.

Awarded, 1919: First place, Katharine Koehler; second place, Margaret Kern.

## HARRY S. JEWETT ORATORICAL PRIZES

These prizes, income from a gift of \$1,500, contributed by Mr. E. S. Jewett, deceased, are awarded to the successful contestants in a local oratorical contest.

Awarded, 1919: First place, Lowell Beers; second place, Wright Hoffman.

#### PROHIBITION ORATORICAL PRIZE

This prize is \$25, given by the General Assembly's Permanent Committee of Temperance.

(Not held in 1919.)

## STELLA M. THOMPSON DOMESTIC SCIENCE PRIZE

This prize is a book which is purchased by the interest on a fund of \$50 provided by the ladies of Parkville in memory of Miss Stella M. Thompson who organized the Department of Domestic Science in Park College and who for many years was head of that department. It is given to the Senior making the best grade in Domestic Science for the year.

Awarded, 1919: Hazel Assel.

## BIBLE TEACHERS' TRAINING SCHOOL FELLOWSHIP

The Bible Teachers' Training School of New York City offers a fellowship in their School of Theology, to be awarded each year upon recommendation of the Faculty of Park College, to a member

Fifty-two

of their graduating class or to a graduate of not more than five years' standing whose purpose is to devote his life to Christian service.

The selection will be made on the basis of creditable scholarship, strength of character and personality, evidence of growing ability and limitation of financial resources.

The fellowship provides board, room and tuition and \$50.00 for the student's incidental expenses. It may be held during the full course of three years. The incumbent must reside at the School, maintain a satisfactory standing in scholarship and engage in a limited amount of active Christian service under the direction of the Practical Work Department.

Awarded, 1919: Marie Dancy.

## THE ACADEMY

MARY REBECCA HARRISON, Ph. B.
PRINCIPAL. LATIN AND HISTORY.
LUCILE M. SMITH, A. B.
ENGLISH

MABEL H. RULAND, A. B. M'ATHEMATICS.

#### STUDENT-TEACHERS 1919-1920

## Mathematics

Doole, Howard Fernstrum, Florence Hanson, Dorothea Hudson, Bonnie Ladd, Lelon Minckemeyer, Elizabeth Wakefield, Mae

## History

BAILEY, MARGARET BRAY, ZELPHA HOLLYMAN, DOROTHY NEWHOUSE, MARGARET NORRINGTON, EDNA WHITE, CHARLES WILLIS, EVELYN PRESTON, JOE

## English

KOEHLER, KATHERINE MILLER, AGNESS UMSTEAD, HAZEL WALDROP, MARY D.

## Domestic Science

HOWARD, DORCAS

## Foreign Language

BOPES, LYDIA FOSTER, CLARK HAMMER, IRVIN MITCHELL, PHEBE MOORE, ELLEN ROBINSON, MARGARET

# GENERAL INFORMATION

Park College Academy is fully accredited by the Department of Education of the State of Missouri.

The Academy is under the same general management as the College. It is maintained solely for the purpose of preparing for entrance to Park College those students who cannot obtain such preparation elsewhere.

The Faculty of experienced teachers is supplemented by a group of select student teachers from the Senior class of the College who have taken the courses in Education. This student teaching is under the daily supervision of the Principal, aided by the heads of departments of the College. The endorsement of the State Department of Education further assures its satisfactory quality.

Academy students have their own literary clubs, which meet every two weeks. They are welcomed into membership of the Y. M. C. A. and Y. W. C. A., but have their own class prayer meetings, and the Anna W. McAfee Westminster Circle is exclusively for academy girls.

#### TUITION

First Year	(Day Pupils)	\$20.00 p	er semester, \$40.00
		20.00 p	
Third Year	(Day Pupils)	25.00 p	er semester, 50.00
Fourth Year	(Day Pupils)	25.00 p	per semester, 50.00
Academy	students in th	e Family make all p	ayments the same

as College students.

#### ADMISSION

To enter the First Year, students must have completed all grammar grade work that is usually required in our best graded schools. Applicants for admission to other years must present satisfactory grades or pass examinations on all subjects below the year for which they apply. The acceptance of all credits is contingent upon the quality of the work done by the student after martriculation, and credits will be cancelled when the student's knowledge of the subjects appear insufficient.

#### GRADUATION

In order to receive the Academy Diploma, students must complete sixteen units of high school work. The units required for College entrance (P. 20) are also required for Academy graduation. Credits from other schools will be accepted subject to the same regulations as credits for College entrance.

## COURSE OF STUDY-ACADEMY.

FIRST YEAR	THIRD YEAR
Latin	Biology       4 hours         Geometry       4 hours         Any two of the following:         Latin       4 hours         French       4 hours         English       4 hours
SECOND YEAR	FOURTH YEAR
Latin	English
Medieval and Modern	Latin4 hours
History4 hours	French

#### LATIN

#### MISS HARRISON

- Latin I. The purpose of this course is to master Latin forms and the elements of syntax and to acquire a vocabulary which will facilitate the study of Caesar.
- Latin II. Books I-IV of Caesar's Gallic Wars are read with special attention to forms and syntax. Three weeks of each semester are given to the study of composition.
- Latin III. Six orations of Cicero are read with much attention to syntax and style. Three weeks of each semester are given to composition. The aim of the course is to make students familiar with Roman life and government of the time of Cicero by the translation and appreciation of these orations.

Fifty-six

Latin IV. Books I-VI of Vergil's Aeneid are read. The aim of this course is an appreciative study of the Aeneid as a classic with some attention to its place among the world's great epics. Much time is also given to oral reading of the poem.

#### **PHYSICS**

#### PROFESSOR EDWARDS

## I. Physics. 4 hours.

This is the usual elementary course, including mechanics, heat, light, sound and electricity, with the advantage of the college apparatus available for demonstration and laboratory work. One-fourth of the time is spent in the laboratory. Text: Carhart and Chute, Physics with Applications.

## BIOLOGY

#### Mr. Eskridge

## I. Anatomy and Physiology. 4 hours.

The crayfish and frog are dissected. The human body is carefully studied. Recitations, lectures and collateral readings bring out the general principles of the subject.

Texts: Huxley's Crayfish; Martin's Human Body (briefer course); Eddy's Physiology.

## II. Botany. 4 hours.

The structures, functions and ecology of a few typical flowering plants are studied in the laboratory, and by recitation and field work.

Text: Bergen's Foundations of Botany.

#### **ENGLISH**

MISS SMITH.

#### I. First Semester.

Twelve weeks will be devoted to the study of English Grammar and the remaining eight weeks of the semester to composition.

#### Second Semester.

English Composition six weeks. Classics fourteen weeks. Classics studied: The Vision of Sir Launfal; The Gold Bug; The Sketch Book; Lady of the Lake. Certain passages from these classics are to be memorized.

#### II. First Semester.

The first ten weeks will be devoted to Rhetoric. During the second ten weeks, two days each week will be devoted to Rhetoric and the other two to English Composition.

#### Second Semester.

Composition and Classics. The following classics will be studied: Book of Ruth; The Merchant of Venice; Silas Marner; Homer's Illiad; Gayley's Myths.

#### III. First Semester.

Rapid review of Grammar and Rhetoric. Composition two hours; Classics two hours. Classics to be studied: Book of Esther; Julius Caesar; The Ancient Mariner; Macauley's Life of Johnson.

#### Second Semester.

History of English Literature. Text: Long's History of English Literature.

#### IV. First Semester.

Rapid review of Grammar and Rhetoric. Composition two hours; Classics two hours. Classics to be studied: Emerson's Essays (Selected); Carlyle's Essay on Burn; Milton's L'Allegro and Il Penseroso; Macbeth; The Autocrat of the Breakfast Table.

#### Second Semester.

History of American Literature. Text: Long's American Literature.

### **MATHEMATICS**

MISS RULAND

#### I. Algebra. 4 hours.

Beginning Algebra through quadratics.

Fifty-eight

## II. Algebra. ½ unit. 4 hours. First Semester.

After a brief review of Algebra I, the class will take up the work from quadratics. As much ground will be covered as the time will permit.

Plane Geometry 1/2 unit. 4 hours. Second Semester.

III. Plane Geometry 1/2 unit. 4 hours, First Semester.

Solid Geometry 1/2 unit. 4 hours, Second Semester.

#### HISTORY

#### MISS HARRISON

## Ancient History. 4 hours.

This course includes a rapid survey of the civilization of the Oriental nations and a more exhaustive study of Greece and Rome. The purpose of the course is to acquaint the student with the beginnings of our modern civilization.

# Medieval and Modern History. 4 hours.

The purpose of this course is to help the students as far as possible to understand European life and civilization of today. The first semester's work includes the study of German migrations, the development of papal power, the Holy Roman Empire and the Renaissance. The second semester's work centers about the development of modern European nations and the growth of political freedom.

# American History. Elective. 4 hours.

This course is a rather detailed study of the narrative history of the United States. An attempt is made to prepare the student for further study of the problems which confront the American citizen.

### FRENCH

# I. Beginning French. 4 hours. First Semester.

Careful drill in phonetics and syntax. Conversation and composition.

Fraser and Squair's Shorter French Course. Lessons I-XXVII. Snow and Lebin's Easy French Reader.

#### Second Semester.

Fraser and Squair's Shorter French Course. Lessons XXVII-XLVIII. Maistre's La Jeune Siberienne. Lavisse's Histoire de France.

## II. French, 4 hours.

Conversation. Drill on Subjunctive and Irregular Verbs.

Fraser and Squair's Shorter French Court. Lessons XLIX-XCII. Martin and Russell's At West Point.

Second Semester. 4 hours.

Fontaine's En France, a comedy, La Poudre aux jeux.

## BIBLE

Studied in third and fourth years in connection with English.

## HOME ECONOMIC-COOKERY AND CLOTHING

### I. Home Economics. 4 hours.

- a. Foods and Cookery: The classes of foods; their uses and food values. Laboratory practice in the preparation of foods and preparation of meals.
- b. Textiles and Clothing: Materials suitable for various uses in clothing. Hand and machine sewing; garment making.

# **COLLEGE STUDENTS FOR 1919-1920**

# SENIORS (47)

## Women

Bailey, Margaret Helen	Parkville
Bopes, Lydia Ann	Edgington, Illinois
Bray, Zelpha Florence	Lock Springs
Chandler, Marietta Elizabeth	Warsaw, Illinois
Fernstrum, Florence Pauline	Menomince, Michigan
Hanson, Dorothea Anna	Renova, Pennsylvania
Hastings, Glenna Cutler	Cherryvale, Kansas
Hollyman, Dorothy	Parkville
Howard, Dorcas	Earlham, Iowa
Hudson, Bonnie	Hamilton
Koehler, Katherine Eliese	Parkville
Miller, Agness Todd	St. Joseph
Minckemeyer, Elizabeth Louise	Kansas City
Mitchell, Phebe Mildred	
Moore, Ellen Elizabeth	Newburg, New York
Newhouse, Margaret Rosalie	
Norrington, Edna Mary	Parkville
Robinson, Margaret Davis	
Smith, Hazel Umstead	
Wachter, Frieda	Parkville
Wakefield, Mae AnnaA	nacortes, Washington
Waldrop, Mary De Forest	,
Willis, Evelyn Bradley	

## Men

Bohannon, William BryanIpava, Illinois
Dawson, Frederick HaroldColdwell, Kansas
Doole, Howard PollockAdams, Nebraska
Farley, Wallace JFarley
Frizelle, Frederick RobertBelfast, Ireland
Hammer, Irwin AllenMount Vernon
Ladd, Lelon RobertIpava, Illinois
Knotter, De Witt James Stapleton, Nebraska
Knotter, Theodore Lucien Stapleton, Nebraska

Langfitt, Harry MartinGreenfield, Iowa
Leonard, Frederick Roth
Locher, Edward OrrickParkville
Magers, Malcolm BruceParkville
Manning, Howard LeslieSeward, Nebraska
Morgan, Barney NewtonMiller
Norrington, Elmer HParkville
Pierce, Walter WestonNeosha
Porter, Edgar BaxterAthens, New York
Preston, Joseph BradfordTeague, Texas
Simpson, Rolla DanaMount Sterling, Illinois
Van Dyke, Dewey GeorgeGreenup, Illinois
White, Charles PressleyKingston
Yang, Shu YaShoe Yang, China
Zimmer, Royal WilliamKansas City

# JUNIORS (54)

## Women

Anderson, Teloir Vera	Eagleville
Beeson, Helen GouldEs	
Bray, Kathryn	. ,
Burr, Winnie Agness	
Easter, Lena Susan	,
Eckels, AnnabelSr	
Farquhar, Phoebe MarguretV	
Fishburn, Frances Jeanette	
Garman, Ruth Lucile	
Harvey, FrancesA	
Hollyman, Jane	0 ,
Howe, Agness DareRen	
Kresky, Dora EstelleMinne	
Lott, Cleota E	
McAfee, Carolyn Mary	
McClave, Mae IdaHer	
McRuer, Grace	Parkville
Moats, Jeannette	Joplin
Morris, Bessie GayEr	nporia, Kansas
Nicholson, Jennie	Parkville
Sixty-two	

Park, Ermine Josephine	arceline
Rauch, Alta OliveIpava,	Illinois
Rubin, Ruth PearlSalida, C	Colorado
Teis, Ione Elaine	Parkville
Tulien, Alsie Charlotte	Parkville
Vest, Ruby Lillian	Parkville
Winnberg, ThelmaJeffers	son City
Yerington, Dickie	Parkville

# Men

Altfather, Ellis McFerrinWeatherfe	ord, Texas
Barnes, Bentley Tiffany	ew Jersey
Beers, Lowell Comstock	·Parkville
Brown, Ralph Arbuthnot	. Parkville
Burford, William Bryan	
Cameron, Ray EdwinIpa	
Daniel, Glover AlexanderSwe	et Springs
Foster, Clarke Leslie	
Hawley, Herrick Kent	
Hon, Noka B	
Hutchinson, Wilson JosephQuenem	no, Kansas
Irizarry, Oscar BartalomeSan German, F	Porto Rico
Layman, Andrew Stephen	
Lee, William Yong ChickSoon Ch	
Martin, Garner RAckerman, M	
Mazzei, Peter Anthony	Parkville
McCall, Arthur ScottBal	
McClusky, Howard Yale	Parkville
Olson, George HowardChicag	
Parker, Kenneth LawrenceMacom	b. Illinois
Parker, Malcolm BruceMacon	nb. Illinois
Parks, Dinwiddie William Addison	
Riester, George Julius	
Rigg, Floyd Wilkinson	
Wallace, Lamar FontaineOzan.	, ,
Zutrau, MorrisNew York,	
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# SOPHOMORES (70)

# Women

Aurell, HenriettaTokyo, Japan
Blessing, Zellah ChristineLa Plata
Breen, Grace MarieParkville
Buckley, LauraMound City
Dod, Lily MonroeKnox City
Dodd, Ruth Violet Enid, Oklahoma
Evans, Elsie OsborneRolla
Fitterer, Hazel May
Gibbons, IvanoelAcequia, Idaho
Gray, Opal EliabethWebb City
Hummel, Zulah MayPomona, Kansas
Kern, Margaret ZelmaPalmyra
Kunkel, Eleanor MurrayOregon
Kurtz, DorothyOregon
Linder, Ruth EdnaParkville
Logan, Florence Templeton
Long, BeatriceElkatawa, Kentucky
Mason, Helen SmithSaginaw, Michigan
McMeen, MarionPeoria, Illinois
Moore, Golda PaulineMaxwell, Nebraska
Moore, Mildred MarieAnacortes, Washington
Murray, Jeanie Robertson
Ober, Winifred IreneMiltonvale, Kansas
Parker, HelenMiami, Florida
Parker, Lydia EdithPalacios, Texas
Peeke, Susan Van VleckTokyo, Japan
Peterson, NormaIron River, Michigan
Riddle, Edna Lee Kansas City
Smith, EstherRedwood Falls, Minnesota
Smith, Jean McNairRedwood Falls, Minnesota
Wakefield, CarolSeattle, Washington
Waln, MabelNew York City, New York
Wood, Ruth MillsMaitland
Worthington, MarionTurner, Kansas
Wylie, Sarah
$ m M_{EN}$
Alden, OliverAnna, Illinois
Sixty-four

Ambler, King Wylls	
Bouquet, Francis Lester	
Coutts, Ira Whitehead	El Dorado, Kansas
Crnkovich, Slavko·····	
Dod, Albert	Knox City
Doty, Hubert Frank	Stuttgart, Arkansas
Eckels, John Clendenin	Sritamarat, Siam
Elliott, Rolland Richard	
Findlay, Duncan Murray	
Gallardo, Jose	
Ice. Lovd	
Johnson, Milo	
Kent, Lewis Joshua	
Kirkpatrick, Dwight Charles	
Koenig, William Frank	
Layman, John Albert	
Lee, William Yongchick	
Leonard, Robert Soutter	
Malan, William Russel	
Manning, Kenneth Verne	
McCluer, Paul	
Miller, Frank	
Morris, Jarvis	
Newhouse, Darst William	
Paik, George Larkjiun	
Palmer, Boyd Burton	
Parker, Donald Dean	
Parks, George Akers	
Porter, Dwight Hull	
Raney, Frank Loomas	
Smith, James Miller	
Trulock, Guy Edwin	
Vance. Milton Andrew	
Wolfe, Winslow Edward	
trone, triisiow Edward	rarkvine

# FRESHMEN (110)

## Women

Allenbaugh,	Eloise	Greent	ip, Illinois
Banks, Elma	A	·Okmulgee,	Oklahoma

Bellinger, Marjorie Geraldine	White City Kansas
Benson, Edna	
Bessonet, Corinne Marie	
Bibler, Ruth Zepporah	
Burchfield, Thelma Lynn	
Clabaugh, Beatrice	
Congdon, Mildred Lucretia	
Cunningham, Bernice	
Dean, Marjorie	
Eckels, Mary Happer	
Evans, Mary Palmer	
Feighner, Lena Veta	
Ferrier, Elena Jeanette	
Gagle, Ruth Adelyn	
Gardner, Violet Dolorus	
Gates, Thelma	
Griffin, Lucia Kathryn	
Hamilton, Irene	
Hurtgen, Hulda	
Johnson, Esther Rosella	
Kitchen, Martha Constance	
Knotter, Clara	
Koehler, Margaret Louise	
Kounovsky, Helen	Chicago, Illinois
Lamb, Lois EllenG	
Langell, Ruth E	
Liang, Sarah	
Littleton, Dorothy Lucille	
Lyle, Jeannetta	
Mason, Dorothy	
Martin, Nellie Frances	Parkville
McClusky, Margaret Evans	
McCune, Elizabeth Luella	
McCuish, Helen	Newton, Kansas
McGill, Marjorie May	
Moore, Mary Elizabeth	
Mullendore, Mary Lois	Spruce, Missouri
Nelson, Eugenie Alice	Audubon, Iowa
Perkins, Loretta	Macon
Piper, Grace Helen	Kansas City
Rauber, Minnie Grace	Hamilton
Sixty-six	

Rauch, Mary TIpava, Illinois
Robbins, Stella AullSt. Louis
Ross, LillianSyen Chun, Korea
Schall, Elizabeth MarthaParkville
Scott, Martha HughesFort Smith, Arkansas
Seamans, Lois Genevieve
Seibert, Iona BellPemberville, Ohio
Smith, Margaret MabelYetter, Iowa
Smith, Norma Beatrice
Speer, Evelyn MamieParkers Landing, Pennsylvania
Sperry, Mary GreshamKansas City
Thompson, Anice Hazel Fairfax
Trudell, Bessie EllenMiltonvale, Kansas
Wells, Odessa Mary
Wells, Roberta IdaMaryville
Wilkinson, Hazel Alberta
Whitford, HalcyonFalls City, Nebraska Yetter, Lois AeleineLeedey, Oklahoma
retter, Lois Aeieine

# Men

Acosta, Emilio
Bell, Paul EdwinOshkosh, Wisconsin
Brewster, Maurice Ray
Caro, Tadeo PadillaBombay, Philippine Islands
Charr, Easurk EmsenPasadena, California
Dry, Clarence FranklinPickneyville, Illinois
Gailey, William JohnPhiladelphia, Pennsylvania
Garrison, Lynn Logan
Givens, Kingsley WaltonChicago, Illinois
Hastings, Jesse Otis
Hiser, Noble MarionBrodnir, Ohio
Hursh, Dale WilsonOsceola
Jones, Idris HowardGarden Grove, Iowa
Jones, Hugh BCambria, Wisconsin
Lamb, John CareyGrand Junction, Colorado
Leech, Rogar ReidIowa City, Iowa
Limeres, RaphaelSan German, Porto Rico
Marshall, Lauriston Calvert

Sixty-seven

McElhinney, Wilmer Werth	Morning Sun, Iowa
McFarland, Ross Armstrong	Parkville
McMurray, McKnight Luke	
Miller, Roger Hamilton	
Moritz, Jesse Irl	Rosedale, Kansas
Morrow, Roger Moberly	
Ness, Karl Bernard	
Newhouse, Verne	
Newton, Russell	Hanan Island, China
Oltmans, Paul Veebeck	·····Tokyo, Japan
Oltmans, Theodore Voorhorst	·····Tokyo, Japan
Parker, Elliott Francis	
Parks, Gilbert Livingston	
Quintano, Arturo	
Redfern, Presley Vince	
Robertson, Lawrence De	
Roloff, Robert	
Salvetter, Henry Claiborn	
Schwing, George Henry	
Selsor, Fred	
Stafford, James Wallace	
Taylor, Andrew	
Templeton, Sam Hart	
Thatcher, Robert John	
Tonner, Martin Lee	
Trenner, Willard Brown	
Wakefield, Howard James	
Wallace, Cecil Theopholis	
Waln, Robert Leo	New York, New York

# **ACADEMY STUDENTS**

# FOURTH YEARS (30)

# Women Barber, Edna Anna....Leavenworth, Kansas

Busch, Gertrude Hathaway......Parkville

Busch, Gertrade Liatina way	· · · · · · · · · · · · · · · · · · ·
Chatfield, Maude	
Clark, Alice Belle	
Fickle, Bertha Lee	·····Parkville
Hannon, Mary Gabrielle	Chicago, Illinois
Palmer, Margaret Eliza	·····Parkville
Salsbury, Rillah May	
Speer, Dorothy IsabelleParkers Landin	
Teis, Irene Elaine	
Whitfield, Florence Lucas	
Wood, Rhea Elizabeth	
Worrell, Myrtle	·····Platte City
Men	
Abbett, Robert WilliamNo	wata, Oklahoma
Dodd, Paul Albert	Enid, Oklahoma
Edgar, Wallace JamesNe	
Findlay, Verril Henry	Parkville
Hazen, Merritt Sanford	
Linder. Walter Hoffman	
Loosley, Robert OwenChefo	
Magers, Donald Decker	
Magers, Douglass Vernon	
McCrary, Ralph	
Mothershead, Arthur Clifton	
Oelfke, Karl Henry	
Peeke, Alonzo Provost	
Rigg, Bruin James	
Sasaki, Fukuji	
Steele, Ashby	
Webb, Arthur Sterling	St. Louis
	Sixty-nine

# THIRD YEARS (43)

## Women

Adams, Mary EthelLa Russell
Brown, Anna BirdParkville
Crockett, Virginia DareParkville
Elliott, Lois EudoraParkville
Givens, Grace Watson Parkville
Goodson, Amanda AliceParkville
Gresham, Orah MadgeParkville
Gresham, Vella MargueriteParkville
McNeill, ElizabethNashville, Tennessee
Nichols, Mary BlancheParkville
Noland, Laoma MadgeParkville
Oberdick, Lena AnnaFarley
Oliver, Leta CarmaRutledge
Preuc, Mary JosephineKansas City
Steele, Blanche TheodosiaRaleigh, North Dakota
Van Schoiack, Eva MinnieSt. Joseph
Vawter, Martha EParkville
Ward, Beatrice CeceliaParkville

# Men

Amos, Wilfred HoughtonKansas City
Best, Wilbur FordShanghai, China
Bruff, Theodore StevensPierce City
Cook, Seldon Harold
Crosby, Robert EdwinLeon, Kansas
Eckels, Charles KenyonSritamarat, Siam
Foster, William Clarence Sedalia
Gordon, Walton McWilliamsWauchula, Florida
Hanson, Victor EmanuelRenova, Pennsylvania
Hasegawa, Shui ChiPunnene, Hawaii
Hauetter, Fred TalbertParkville
Hepburn, Malcolm JChicago, Illinois
Koehler, Frank SalesParkville
Lessley, Floyd DearingParkville
Locher, Godron LeeParkville
Luthy, John CarolParkville
Matthews, Robert MorrisonParkville

Seventy

McGinnis, Jonathan Robinett Kashing Che, China
Ross, Albert LorneSyin Chun, Korea
Rubio, Santiago TownsendZitacuaro Mick, Mexico
Simpson, Aaron George
Toy, Thomas CSt. Louis
Tucker, John WesleyParkville
Welpman, ElryParkville
Woodbury, PrenticeNew York City, New York

# SECOND YEARS (40)

## Women

Bailey, Jeanette EmilyParkville
Beers, Winifred LeighParkville
Browning, BerniceParkville
Cowles, Grace Marie
Heiney, Leah ThelmaCarrolton
Hoover, Grace GChicago, Illinois
McDaniel, Helen MaryCrystal Falls, Michigan
Osborne, Sarah BarbaraParkville
Peery, Jeannette LowParkville
Schatte, JeanetteKenilworth, Illinois
Tuggle, Georgia DennyParkville
Wakefield, Gladys VivianAnacortes, Washington
Winter, Florence TerryParkville

# MEN

Busch, Herbert RossParkville
Chappell, Roff William Mount Pleasant, Arkansas
Cluff, Ronald LeeChicago, Illinois
Congdon, Walter HolmesParkville
Fishburn, George FranklinEldon
Gerner, Philip SParkville
Hoy, John Calliway Parkville
King, SamuelLeavenworth, Kansas
Logan, Walter BarnesMomence, Illinois
Lyle, Edward FrankParkville
McBride, David RaymondDeming, New Mexico

Seventy-one

Macklin, Charles GarstCincinnati, Ohio
McMartin, Walter PhillipVictoria, British Columbia
Niccolls, SamuelKirkwood
Nieman, Ernest HenryFarley
Noland, Marvin EdgarParkville
Oelfke, Kenneth CharlesParkville
Osborne, Thomas William Parkville
Pettigrew, SamuelShiprock, New Mexico
Prugh, Paul PeartEast Bradley, Pennsylvania
Snow, Orvill WillisParkville
Stewart, Ewing RhoadesOklahoma City, Oklahoma
Stoops, Edwin BIpava, Illinois
Thompson, Edwin EugeneFairfax
Witt, Bland RussellParkville
Wolfe, Hugh CampbellParkville
Ziegler, Edward WalterSt. Louis

# (FIRST YEARS (52)

# Women

Aring, Clara FrancesWaldron
Barlow, MaryRochester, New York
Brown, Margaret AmandaGranger, Washington
Brown, Willie MayParkville
Codner, Nora Marie
Findlay, Martha SusanParkville
Foley, Florence ElizabethParkville
Harritt, Edith Frances
Hathaway, Frances ElizabethParkville
Hauetter, Evelyn Elizabeth
· · · · · ·
Ice, Irene GenevaLawrence, Kansas
Jenkins, Martha ElizabethToayuen, Hunan, China
Kordes, Frieda MarieParkville
Kordes, Verna KatherineParkville
Logan, Margaret MarieMomence, Illinois
Luthy, Blanche MarieParkville
Matteson, Hazel Luella
Nash. Agnes Grace
Nichols, Julia Alberta
Rainwater, CarrieLawson
Schall, Ruth IrwinParkville
Seventy-two

# STATES AND COUNTRIES REPRESENTED

Arizona		 ٠.		 			 					 															1	
Arkansas		 ٠.		 			 						٠,	 							 					1	2	
California	a			 								 									 			٠,			3	
Colorado		 		 			 					 									 						4	

Seventy-three

Delaware	1
Florida	2
Hawaii	1
Idaho ·····	1
Illinois	37
Indiana	2
Iowa	12
Kansas	40
Kentucky	2
Maryland	1
Michigan	5
Minnesota	3
Mississippi	1
Missouri · · · · · · · · · · · · · · · · · · ·	212
Montana	2
Nebraska ·····	10
New Jersey	1
New Mexico	2
New York	8
North Dakota·····	1
Ohio	6
Oklahomā	14
Pennsylvania	8
Philippine Islands	2
Porto Rico	5
Tennessee	1
Texas	8
Washington	6
Wisconsin	2
Brazil	1
British Columbia	1
China	7
Egypt	1
Ireland	
	1
Italy	1
Japan	8
Korea	4
Mexico	1
Siam	5
m . 1	116
Total	446

# SUMMARY OF STUDENTS

# COLLEGE

Senior	28 35	Men 24 26 35 49	Total 47 54 70 110
Total College	147	134	281
ACADEMY			
Fourth Years	13	17	30
Third Years	18	25	43
Second Years	13	27	40
First Years	23	29	52
Total Academy	67	98	165
Grand Totals	214	232	446

# **COLLEGE SCHEDULE 1920-1921**

CENIOD EIDS	T CEMECTED	
		11 00 10 00
		11:00-12:00
Germ. IX345 Hist. V345 Greek VII1	12 Phys. VII 345 Chem. VII 345 Home Ec.	123
JUNIOR-FIRS	T SEMESTER	
9:00-10:00	10:00-11:00	11:00-12:00
12   345   345   345   Soc. Sci. I   12   Educ. IV   12   Educ. II   345   Eng. XII   345   Eng. XII   345	Philos. IV135   Germ. XI135   Soc. Sci. I 4   Educ. IV 4   French V 2   Lat. V 2   P. Speak. III 2	Astron. I123 Bible IV123 Span. V123 French V 45 Latin V 45 P. Speak. III 45
·	RST SEMESTER	2
		4:30-5:30
345 345 345 345 345 345 345 345 345 4 Hist. III 12 Lat. III 12 French IIIB 12 P. Speak. II 34	Bible II 135 Math, III 135 Hist, III 4 Lat, III 4 French IIIB 4 Bible II 2 Educ, I 2	Span. III125 Greek III125 Educ. I 34
FRESHMAN-FIL	RST SEMESTER	
2:30-3:30	3:30-4:30	4:30-5:30
12   12   12   12   13   14   15   15   15   16   15   16   16   16	Span. IB	Math. IA 1 Bible IA 1 Eng. IA 1 Greek I 34 French IC 34 Germ. I 34 Math. IB 25 Bible IB 25 Eng. IB 25
	9:00-10:00    Psy. VIII 345   Germ. IX 345   Hist. V 345   Hist. V 345   Hist. VIII 1   H. Ec. VIII 1   English X 1   Physics IX 2     JUNIOR—FIRS	Psy. VIII

The numbers following names of courses indicate days of the week on which classes meet: 1 means Tuesday; 2, Wednesday; 3, Thursday; 4, Friday; 5, Saturday.

# **COLLEGE SCHEDULE 1920-1921**

	SENIOR—SECO	ND SEMESTER	
8:00-9:00	9:00-10:00	10:00-11:00	11:00-12:00
123 Geol. X. Phil. VII123 Bible VIII123 Greek VIII45 Math. VIII45	Soc. Sci. III-345 Germ. X345 Greek VIII- 1 Math. VIII- 1	12 Phys. VII 345 *Chem. VI 345 H. Ec. VI	45
French VIII. 45 Logic IX 45	French VIII. 1 Logic IX 1 *Germ. XII 2 Phys. X 2	Lat. VIII345 Geol. X345	Eng. X123 *Germ. XII 45 Phys. X 45
	JUNIOR—SECO	ND SEMESTER	
8:00-9:00	9:00-10:00	10:00-11:00	11:00-12:00
123 Chem. V 45 Biol. VI. 45 Phys. VI Greek VI123	V········ 12 T······· 12 ······345 ·····345   Soc. Sci. II·· 12	Philos. V135 *Germ. VIII-135 Soc. Sci. II. 4 Educ. V 4 French VI 2	Bible V123 Span. VI123
Math. VI123 Eng. IV123	Educ. V 12 Eng. IX345	P. Speak. IV 2 Educ. III 2	Educ. III 45
SC	OPHOMORE—SE	COND SEMESTE	CR
1:30-2:30	2:30-3:30	3:30-4:30	4:30-5:30
45 Phys. IV. 45 Chem. IV 45 Biol. IV	345 345 345 345 345 345	Bible III145 Math. IV145 Lat. IV 3 Hist. IV 3 French IVB. 3	Span. IV125 Educ. I125 Greek IV125 Educ. I34
Germ. VI123 Eng. VI123 French IVA.123 Eng. III 5	Hist. IV12 French IVB12	Educ. I····· 2	
F	RESHMAN—SEC	OND SEMESTE	R
1:30-2:30	2:30-3:30	3:30-4:30	4:30-5:30
123 Phys. II. 123 Chem. II	12 12 12	Span. IIB145 French IIA145 Hist. II145	Greek II 34 French IIC. 34 Germ. II 34
Span. IIA	French IIB34 Lat. II34 Greek II5 French IIC5 Germ. II5 Span. IIA34	Psy. I145 P. Speak. I.145 Math. I 23 Bible I 23 Eng. I 23	Eng. II125 Math. II125

<sup>\*</sup>Not offered in 1920-1921. The numbers following names of courses indicate days of the week on which classes meet: 1 means Tuesday; 2, Wednesday; 3, Thursday; 4, Friday; 5, Saturday.





